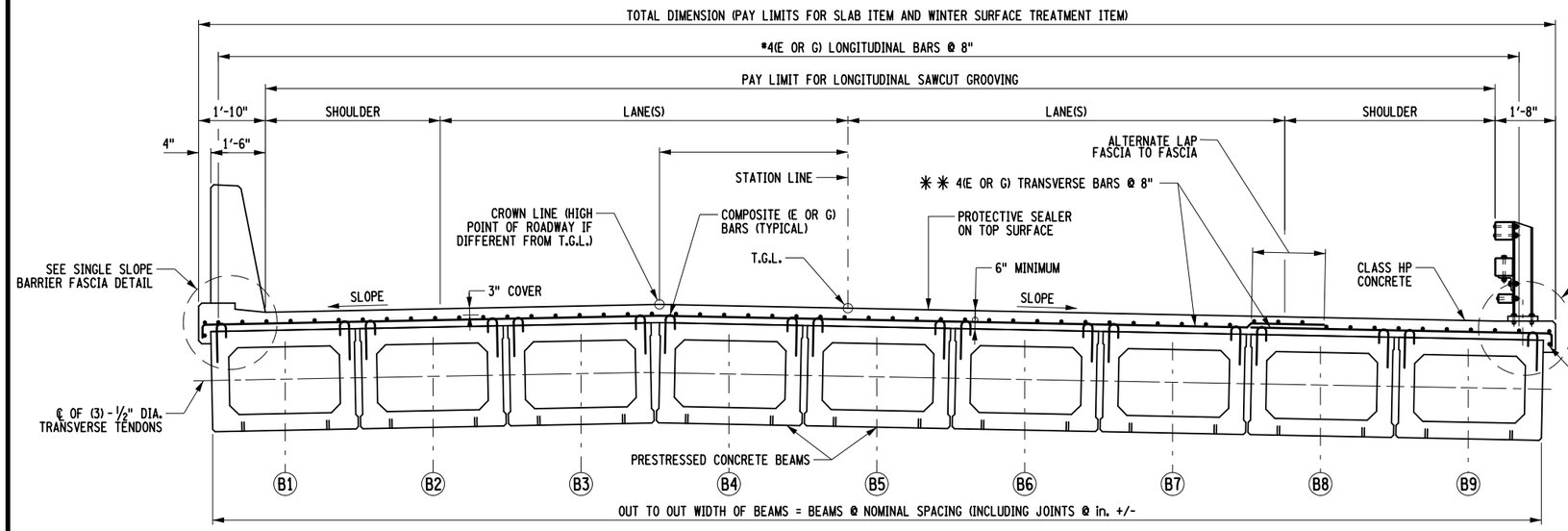
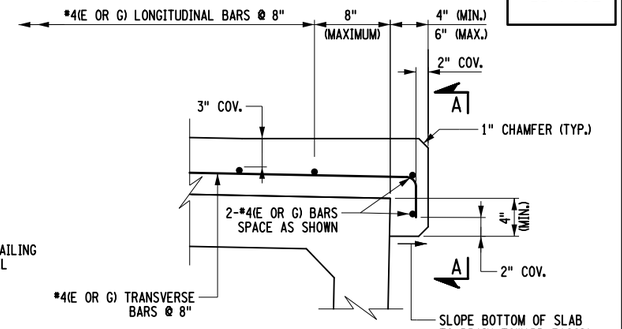
BD-PC3E



TRANSVERSE SECTION

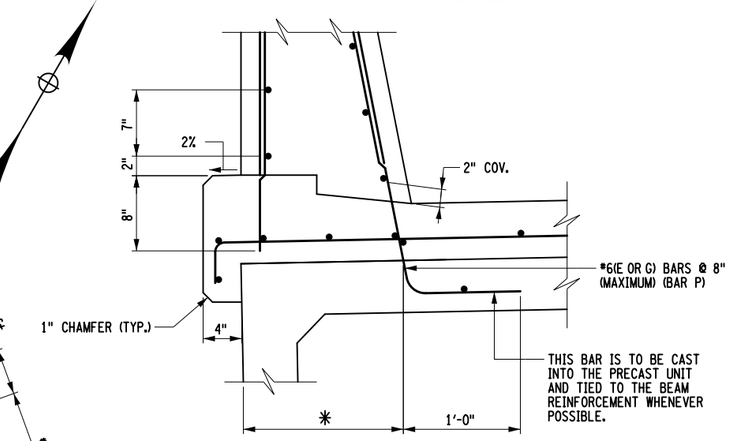
** TRANSVERSE BARS SHALL BE PLACED ON THE SKEW. SPACING SHOWN IS PERPENDICULAR TO THE SKEW.



NOTE:

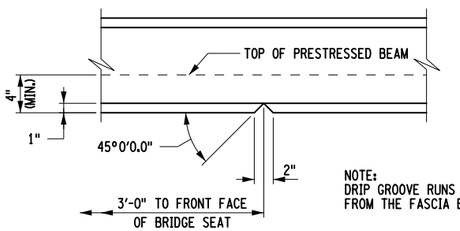
STEEL RAILING AND ANCHORAGE NOT SHOWN FOR CLARITY. SEE BD-RS SERIES OF DRAWINGS FOR RAILING ANCHORAGE INTO BOX/SLAB UNITS.

STEEL RAILING FASCIA DETAIL



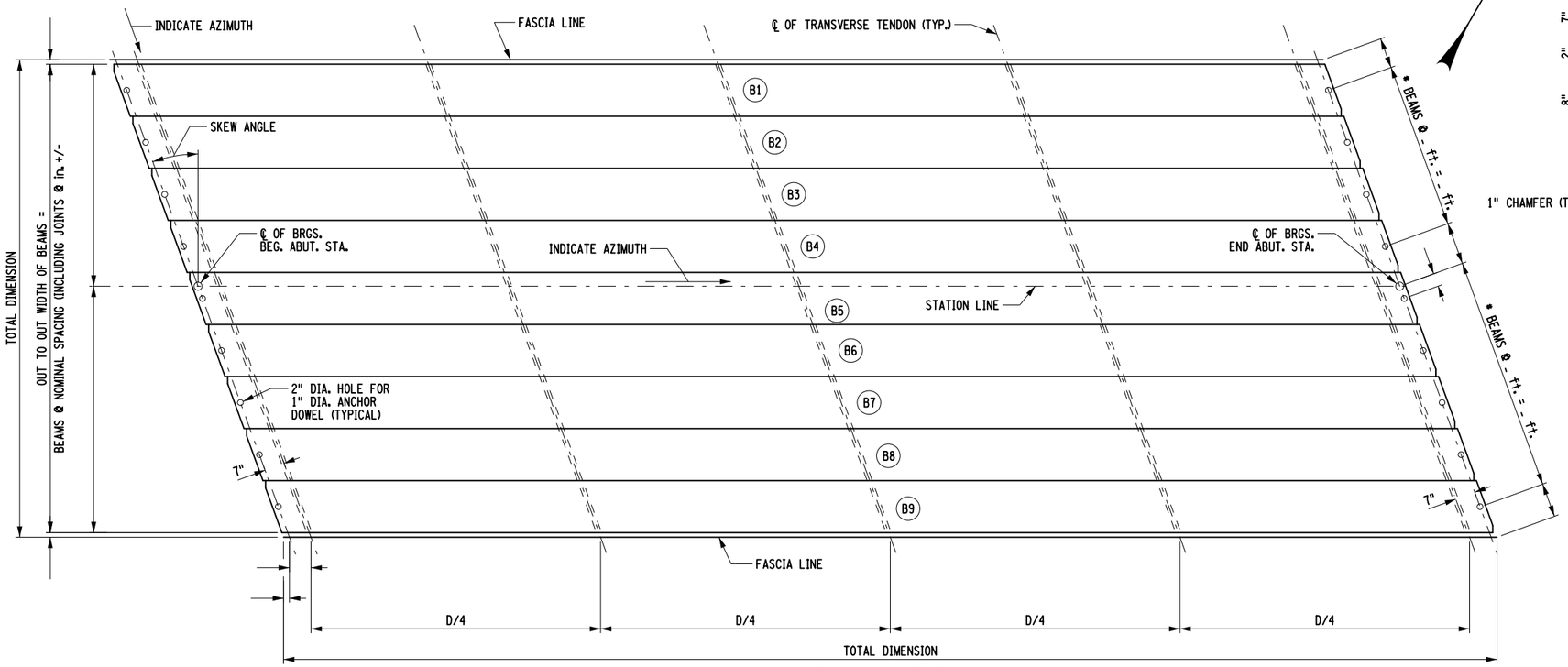
SINGLE SLOPE BARRIER FASCIA DETAIL

* IF THIS DIMENSION VARIES, THE DESIGNER SHALL DETAIL A PLAN VIEW OF THE REQUIRED OFFSETS FROM THE BEAM EDGE.



NOTE:
DRIP GROOVE RUNS PERPENDICULAR FROM THE FASCIA BEAM TO THE FASCIA.

ELEVATION A-A
(SHOWING DRIP GROOVE DETAIL)



BEAM LAYOUT PLAN
(SPAN ≥ 50 ft.)

DESIGNER NOTES:

USE EPOXY COATED (E) REINFORCEMENT IN THE BRIDGE DECK. GALVANIZED (G) OR OTHER TYPE OF REINFORCEMENT MAY BE SUBSTITUTED ACCORDING TO THE GUIDANCE CONTAINED IN THE BRIDGE MANUAL.

TYPICAL DETAILS ARE SHOWN ON THIS SHEET FOR A SIMPLE SPAN WITH A 20° SKEW UTILIZING BOX BEAMS. DETAILS ARE SIMILAR FOR SLAB UNITS AND FOR BRIDGES WITH OTHER SKEWS.

WHEN CONCRETE BARRIER TRANSITIONS ARE LOCATED ON THE BRIDGE DECK, A PLAN VIEW DETAILING BARRIER BARS IN THE BEAM SHALL BE SHOWN.

FOR BARRIER REINFORCEMENT, SEE THE BD-RCB SERIES.

FOR BOX BEAM REINFORCEMENT, SEE BD-PC7E.

FOR TRANSVERSE TENDON DETAILS, SEE BD-PC10E.

REVISED	NEW YORK STATE OF OPPORTUNITY.	Department of Transportation Office of Structures
	PRESTRESSED CONCRETE ADJACENT BEAMS-FRAMING PLAN AND TRANSVERSE SECTION	
ERRATA	APPROVED: 02/17/17 ORIGINAL SIGNED BY RICHARD MARCHIONE, P.E. DEPUTY CHIEF ENGINEER (STRUCTURES)	ISSUED UNDER EB 17-010 EFFECTIVE WITH THE LETTING OF 09/01/17

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